

March 21, 2023

Docket No.: 52-026

ND-23-0227
10 CFR 52.99(c)(1)

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-0001

Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 4
ITAAC Closure Notification on Completion of 2.1.02.09b.ii [Index Number 43]

Ladies and Gentlemen:

In accordance with 10 CFR 52.99(c)(1), the purpose of this letter is to notify the Nuclear Regulatory Commission (NRC) of the completion of Vogtle Electric Generating Plant (VEGP) Unit 4 Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Item 2.1.02.09b.ii [Index Number 43]. This ITAAC confirms controls in the main control room operate to cause the pressurizer spray valves to open and close. The closure process for this ITAAC is based on the guidance described in Nuclear Energy Institute (NEI) 08-01, "Industry Guideline for the ITAAC Closure Process under 10 CFR Part 52," which was endorsed by the NRC in Regulatory Guide 1.215.

This letter contains no new NRC regulatory commitments. Southern Nuclear Operating Company (SNC) requests NRC staff confirmation of this determination and publication of the required notice in the Federal Register per 10 CFR 52.99.

If there are any questions, please contact Kelli Roberts at 706-848-6991.

Respectfully submitted,



Jamie M. Coleman
Regulatory Affairs Director Vogtle 3 & 4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 4
Completion of ITAAC 2.1.02.09b.ii [Index Number 43]

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cc: Regional Administrator, Region II
Director, Office of Nuclear Reactor Regulation (NRR)
Director, Vogtle Project Office NRR
Senior Resident Inspector – Vogtle 3 & 4

**Southern Nuclear Operating Company
ND-23-0227
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 4
Completion of ITAAC 2.1.02.09b.ii [Index Number 43]**

ITAAC Statement

Design Commitment

9.b) The RCS provides the means to control system pressure.

Inspections, Tests, Analyses

ii) Tests will be performed to verify that the pressurizer spray valves can open and close when operated from the MCR.

Acceptance Criteria

ii) Controls in the MCR operate to cause the pressurizer spray valves to open and close.

ITAAC Determination Basis

Multiple ITAAC are performed to demonstrate that the Reactor Coolant System (RCS) provides the means to control system pressure. The subject ITAAC requires a test to verify that the pressurizer spray valves can open and close when operated from the Main Control Room (MCR).

Testing was performed for valve remote operability testing to demonstrate controls in the MCR operate to cause the pressurizer spray valves (RCS-PL-V110A and RCS-PL-V110B) to open and close. The valves were stroke tested using manual Plant Control System (PLS) controls from the MCR and local inspection verified the valves changed position as intended.

Unit 4 plant interface test results were reviewed (Reference 1) and confirmed that controls in the MCR operated to cause the pressurizer spray valves to open and close.

Reference 1 is available for NRC inspection as part of the Unit 4 ITAAC 2.1.02.09b.ii Completion Package (Reference 2).

ITAAC Finding Review

In accordance with plant procedures for ITAAC completion, Southern Nuclear Operating Company (SNC) performed a review of all findings pertaining to the subject ITAAC and associated corrective actions. This review found there are no relevant ITAAC findings associated with this ITAAC.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.1.02.09b.ii was performed for VEGP Unit 4 and that the prescribed acceptance criteria were met.

Systems, structures, and components verified as part of this ITAAC are being maintained in their as-designed, ITAAC compliant condition in accordance with approved plant programs and procedures.

References (available for NRC inspection)

1. SV4-RCS-ITR-800043, Rev 0, "Unit 4 Recorded Results for RCS Pressurizer Spray Valves Open and Close from the Main Control Room: 2.1.02.09b.ii"
2. 2.1.02.09b.ii-U4-CP-Rev0, ITAAC Completion Package